

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5565378").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 10:18
L2	1	("6,423,625").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 10:20
L3	0	titanum adj copper with pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:20
L4	0	titanum with copper with pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:21
L5	0	titanum and copper with pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:21
L6	463	titanum	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:21
L7	408	titanium with copper with pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:21
L8	230	titanium with copper with pad	USPAT; EPO; JPO	AND	OFF	2006/05/10 10:22
L9	1	"6218308"	USPAT; EPO; JPO	AND	OFF	2006/05/10 10:23
L10	38	"6218302"	USPAT; EPO; JPO	AND	OFF	2006/05/10 10:23
L11	1	("6218302").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 10:31
L12	0	("copperwithdopedwithtitanium").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 10:31
L13	1426	copper with doped with titanium	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:33
L14	0	copper with doped with titanium with electromigration	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:33
L15	3	copper with doped with titanium with pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:34
L16	244	copper with doped with titanium and pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 10:34

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L17	127	copper with doped with titanium and pad	USPAT; EPO; JPO	AND	OFF	2006/05/10 10:59
L20	5	copper with implanted with titanium and pad	USPAT; EPO; JPO	AND	OFF	2006/05/10 11:01
L21	26	copper with implanted with titanium	USPAT; EPO; JPO	AND	OFF	2006/05/10 11:43
L22	444	copper with ti with mg with al	USPAT; EPO; JPO	AND	OFF	2006/05/10 11:48
L23	0	copper with ti with mg with alwith dop\$6	USPAT; EPO; JPO	AND	OFF	2006/05/10 11:48
L24	8	copper with ti with mg with al with dop\$6	USPAT; EPO; JPO	AND	OFF	2006/05/10 11:50
L25	1	("5,891,804").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 11:54
L26	1	("5,891,802").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 11:54
L27	4	("5391517" "5545927" "5656860" "5719447").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/10 11:55
L28	8	("5116463" "5198389" "5290733" "5312773" "5354712" "5391517" "5429989" "5654245").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/10 11:58
L29	1	("5,719,447").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 12:17
L30	1	("5661082").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 13:01
L31	5070	(257/770,774,762-764).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/10 13:02
L32	0	257/23.16.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 13:02
L33	836	257/e23.16.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2006/05/10 13:02
S1	1	"20040056361".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 10:39
S2	1	("6300688").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:04

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S3	1	("3755089").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:05
S4	1	("4341846").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:05
S5	1	("4910169").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:12
S6	1	("4987750").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:13
S7	1	("4995552").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:13
S8	1	("5021296").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:13
S9	1	("5231306").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:20
S10	1	("5472563").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:21
S11	1	("5518760").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:23
S12	1	("5703408").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:24
S13	1	("5776617").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:25
S14	1	("5804908").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:25
S15	1	("5939788").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:33
S16	1	("6165885").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 11:34
S17	1	("6218302").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 12:50

EAST Search History

S18	14	("5063169" "5130274" "5169680" "5243222" "5391517" "5622608" "5674787" "5677244" "5747360" "5821168" "5824599" "5891513" "5933758" "5939788").PN.	USPAT	OR	OFF	2004/08/30 11:39
S19	2	("4021277" "4415427").PN.	USPAT	OR	OFF	2004/08/30 12:16
S20	6	"5622608".URPN.	USPAT	OR	OFF	2004/08/30 12:16
S21	7	("5622608" "6057223" "6066892" "6111301" "6180503" "6249055" "6295721" "2001/0042897").PN.	USPAT	OR	OFF	2004/08/30 12:17
S22	1	("6268291").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 13:07
S23	3216	(seed adj layer) and copper	USPAT; EPO; JPO	OR	OFF	2004/08/30 13:07
S24	838	(seed adj layer) and copper and pad	USPAT; EPO; JPO	OR	OFF	2004/08/30 13:32
S25	727	(seed adj layer) and copper and pad and thickness	USPAT; EPO; JPO	OR	OFF	2004/08/30 14:13
S26	1	("6218732").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/30 13:40
S27	3	("4827326" "5365112" "6013571").PN.	USPAT	OR	OFF	2004/08/30 13:50
S28	4	("6083835" "6143155" "6315883" "6582579").PN.	USPAT	OR	OFF	2004/08/30 14:10
S29	388	((seed adj layer) same thickness) and copper and pad and thickness	USPAT; EPO; JPO	OR	OFF	2004/08/30 15:35
S30	5	("6156149" "6228760" "6458689" "6620745" "6638853").PN.	USPAT	OR	OFF	2004/08/30 14:16
S31	10	("5654581" "6117747" "6144051" "6159793" "6174804" "6174812" "6329234" "6335557" "6346454" "6433379").PN.	USPAT	OR	OFF	2004/08/30 14:19
S32	14	("5063169" "5130274" "5169680" "5243222" "5391517" "5622608" "5674787" "5677244" "5747360" "5821168" "5824599" "5891513" "5933758" "5939788").PN.	USPAT	OR	OFF	2004/08/30 14:38
S33	502	257/762,763,764,770,774.ccls. and pad and copper	USPAT; EPO; JPO	OR	OFF	2004/08/30 15:37
S34	83	257/762,763,764,770,774.ccls. and pad and copper and nitrogen	USPAT; EPO; JPO	OR	OFF	2004/08/30 15:55

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S35	0	"20040056361".pn.	USPAT; EPO; JPO	OR	OFF	2004/07/17 12:18
S36	1	"20040056361".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 13:17
S37	1	("6642623").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/07/17 13:08
S38	1159	((bond or bonding) adj pad) and copper and titanium	USPAT; EPO; JPO	OR	OFF	2005/06/23 15:49
S39	5	((bond or bonding) adj pad) and copper and (titanium.ti.)	USPAT; EPO; JPO	OR	OFF	2005/06/23 15:48
S40	3	((bond or bonding) adj pad) and ((dope or implant) with copper)	USPAT; EPO; JPO	OR	OFF	2004/07/17 13:22
S41	13	((bond or bonding) with pad) and ((dope or implant) with titanium)	USPAT; EPO; JPO	OR	OFF	2004/07/17 13:25
S42	431	((bond adj pad) or (bonding adj pad)).ti.	USPAT; EPO; JPO	OR	OFF	2004/07/17 13:27
S43	100	((bond adj pad) or (bonding adj pad)).ti. and (ti or titanium)	USPAT; EPO; JPO	OR	OFF	2004/07/17 13:33
S44	1	"2000183104".pn.	USPAT; EPO; JPO	OR	OFF	2004/07/18 10:24
S45	6	("3585461" "4093110" "5036383" "5455195" "5734200" "5976964").PN.	USPAT	OR	OFF	2004/07/17 13:38
S46	9	("4136434" "4276557" "4329706" "4398335" "4636832" "4823181" "4872050" "4926222" "4929988").PN.	USPAT	OR	OFF	2004/07/17 13:42
S47	29	"5036383".URPN.	USPAT	OR	OFF	2004/07/17 13:42
S48	16	("4278989" "4364166" "4398335" "4600658" "4755480" "4800177" "4916397" "4948747" "4975875" "4984056" "5036383" "5057447" "5102827" "5262846" "5373192" "5432129").PN.	USPAT	OR	OFF	2004/07/17 13:44
S49	7	("3879746" "4811076" "4811078" "4855801" "4890141" "4903110" "4914500").PN.	USPAT	OR	OFF	2004/07/17 13:47
S50	16	"4984056".URPN.	USPAT	OR	OFF	2004/07/17 13:48

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S51	16	("4278989" "4364166" "4398335" "4600658" "4755480" "4800177" "4916397" "4948747" "4975875" "4984056" "5036383" "5057447" "5102827" "5262846" "5373192" "5432129").PN.	USPAT	OR	OFF	2004/07/17 13:49
S52	13	("4278989" "4364166" "4398335" "4600658" "4800177" "4916397" "4948747" "4984056" "5036383" "5057447" "5102827" "5373192" "5432129").PN.	USPAT	OR	OFF	2004/07/17 13:49
S53	3	("3609470" "4566026" "4636832").PN.	USPAT	OR	OFF	2004/07/17 13:51
S54	7	("3383568" "3409809" "3419765" "3429029" "3436616" "3442012" "3465209").PN.	USPAT	OR	OFF	2004/07/17 13:55
S55	0	09/624002	USPAT; EPO; JPO	OR	OFF	2004/07/18 10:24
S56	1	("6314011").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/07/18 12:29
S57	13202	anisotropically	USPAT; EPO; JPO	OR	OFF	2004/07/18 12:29
S58	4390	anisotropically adj etching	USPAT; EPO; JPO	OR	OFF	2004/07/18 12:30
S59	3923	(anisotropically adj etching) and semiconductor	USPAT; EPO; JPO	OR	OFF	2004/07/18 12:31
S60	471	(method with (anisotropic adj etch)) and semiconductor	USPAT; EPO; JPO	OR	OFF	2004/07/18 12:31
S61	3849	(257/762,763,764,770,774).CCLS.	USPAT; EPO; JPO	OR	OFF	2005/03/17 14:12
S62	4508	(257/762,763,764,770,774).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/17 14:12
S63	938	257/762,763,764,770,774.ccls. and pad	USPAT; EPO; JPO	OR	OFF	2005/03/17 14:13
S64	546	257/762,763,764,770,774.ccls. and pad and copper	USPAT; EPO; JPO	OR	OFF	2005/03/17 16:56
S65	2468	anisotropically with method	USPAT; EPO; JPO	OR	OFF	2005/03/17 16:57
S66	0	anisotropic with method with various	USPAT; EPO; JPO	OR	OFF	2005/03/17 16:57
S67	178	anisotropic with method with different	USPAT; EPO; JPO	OR	OFF	2005/03/17 16:58

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S68	22	anisotropic with method with different with etch	USPAT; EPO; JPO	OR	OFF	2005/03/17 17:00
S69	23	anisotropic with method with type with etch	USPAT; EPO; JPO	OR	OFF	2005/03/17 17:00
S70	1	("4666569").PN.	USPAT; EPO; JPO	OR	OFF	2005/03/18 21:31
S71	1	"11317546".pn.	USPAT; EPO; JPO	OR	OFF	2005/03/18 21:45
S72	0	"20040130002".pn.	USPAT; EPO; JPO	OR	OFF	2005/03/18 21:46
S73	1	"20040130002".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/18 21:46
S74	3063	algan and gan	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/18 21:46
S75	2957	algan and gan and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/18 21:46
S76	2540	algan and gan and semiconductor and light	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/18 21:47
S77	1782	algan and gan and semiconductor and light and gallium	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/18 21:47
S78	816	algan and gan and semiconductor and light and gallium	USPAT; EPO; JPO	OR	OFF	2005/03/18 21:50
S79	14	algan adj cap and gan and semiconductor and light and gallium	USPAT; EPO; JPO	OR	OFF	2005/03/18 21:50
S80	1	("5814861").PN.	USPAT; EPO; JPO	OR	OFF	2005/03/19 12:37
S81	0	"20020190284" .pn.	USPAT; EPO; JPO	OR	OFF	2005/03/19 12:37
S82	1	"20020190284" .pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/03/19 12:37
S83	1	("6642623").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/21 13:35
S84	1	("6373137").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/21 13:35
S85	6	((bond or bonding) with pad) and copper and (titanium.ti.)	USPAT; EPO; JPO	OR	OFF	2005/06/23 15:48
S86	237	((bond or bonding) with pad) and copper and (titanium with pad)	USPAT; EPO; JPO	OR	OFF	2005/06/23 15:49

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S87	386	((bond or bonding) with pad) and copper and (titanium with pad)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/23 16:48
S88	62	((copper adj titanium) or (titanium adj copper)) with pad	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/23 16:51
S89	11	((copper adj titanium) or (titanium adj copper)) with alloy) with pad	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/23 17:24
S90	1	("5892179").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/23 17:24
S91	6	((bond with pad) with nitrogen) and copper	USPAT; EPO; JPO	OR	OFF	2005/06/24 13:40
S92	127	pad with nitrogen and copper and bond	USPAT; EPO; JPO	OR	OFF	2005/06/24 13:41
S93	1	("6180505").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 13:47
S94	11	("4661416" "4814049" "5071518" "5098860" "5106461" "5213638" "5308796" "5320689" "5385661" "5656858" "6020640").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/06/24 13:48
S95	6	("5468984" "5656858" "5665991" "5705857" "5739579" "5793112").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/06/24 13:49
S96	11	("4661416" "4814049" "5071518" "5098860" "5106461" "5213638" "5308796" "5320689" "5385661" "5656858" "6020640").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/06/24 13:54
S97	1	("6613671").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 13:56
S98	1	("5892179").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:05
S99	1	("6423625").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:05
S100	2	("5773359" "5937320").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2005/06/24 14:42
S101	2472	(257/762-764).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:43

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S10 2	1200	257/762-764.ccls. and copper	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/06/24 14:43
S10 3	2	257/762-764.ccls. and copper and apd	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/06/24 14:43
S10 4	327	257/762-764.ccls. and copper and pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/06/24 14:43
S10 5	467	257/770,774.ccls. and copper and pad	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/06/24 14:44
S10 6	2583	(257/770,774).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/24 14:44
S10 7	4861	(257/770,774,762-764).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/15 13:41
S10 8	2583	257/770,774,762-764.ccls. and (copper or cu)	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2005/11/15 13:42
S10 9	197	copper adj bond\$6 adj pad	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 13:23
S11 0	302	(copper adj pad) and barrier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 13:33
S11 1	1	("6180505").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 13:33
S11 2	11	("4661416" "4814049" "5071518" "5098860" "5106461" "5213638" "5308796" "5320689" "5385661" "5656858" "6020640").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 13:37
S11 3	1	("4603090").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 13:43
S11 4	8	("4661416").URPN.	USPAT	AND	OFF	2006/05/09 13:43
S11 5	9	("4661416" "4814049" "5071518" "5098860" "5106461" "5213638" "5308796" "5320689" "5385661").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 13:57
S11 6	454	(bond\$ adj pad).ti.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 13:57

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S11 7	154	(bond\$ adj pad).ti. and barrier	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:32
S11 8	1	("6995082").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 14:32
S11 9	8	("5430329" "5923072" "6162652" "6191023" "6376353" "6426556" "6471115" "6583039").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:32
S12 0	2	("6200910" "6538323").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:34
S12 1	33	("4355456" "4878098" "4916519" "4948754" "4949150" "4993305" "4993618" "5009721" "5061985" "5082801" "5226582" "5235212" "5319224" "5441917" "5463255" "5502337" "5523626" "5587607" "5602420" "5608245" "5612570" "5623154" "5637920" "5640048" "5641978" "5644166" "5652467" "5666008" "5677570" "5693984" "5712508" "5731634" "5742100").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:39
S12 2	298	(copper adj pad) and barrier	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:43
S12 3	240	(copper adj pad) and barrier and thickness	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:53
S12 4	2223	((copper or cu) with pad) and barrier and thickness	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:53
S12 5	1983	((copper or cu) with pad) and barrier and thickness and (not S123)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 14:54
S12 6	1990	((copper or cu) with pad) and barrier and thickness and (not S123)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2006/05/09 14:54
S12 7	1049	((copper or cu) with pad) and barrier and thickness and (not S123)	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:38

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S12 8	29	("4680086" "4796081" "4998157" "5269879" "5420076" "5514247" "5519254" "5600182" "5612254" "5668411" "5717253" "5747879" "5793111" "5801427" "5872061" "5888309" "5892282" "5904154" "5920122" "5923052" "5942799" "5945739" "5955785" "5958801" "5998871" "6028359" "6127249" "6144097" "6175155").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 15:29
S12 9	9	("4663643" "4782380" "4931410" "5081064" "5082801" "5153685" "5234864" "5306952" "5341026").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 15:31
S13 0	44	((copper or cu) adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 15:48
S13 1	11	("4980034" "5200360" "5460689" "5670421" "5736458" "5863446" "5939788" "5985762" "6037250" "6066892" "6100190").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 15:43
S13 2	77	okada.in. and pad and copper	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 15:44
S13 3	14	((copper or cu) adj bond\$8 adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 15:51
S13 4	1	((copper or cu) with wire adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 15:52
S13 5	1	((copper or cu) with (wire adj pad)) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 15:58
S13 6	1	("6989297").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 16:00
S13 7	1	("6878465").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 16:00
S13 8	7	("5952083" "6042953" "6442307" "6518647" "6592812" "6703069" "6723628").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 16:00
S13 9	4	("20010010408" "5939790" "5986343" "6229221").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 17:09
S14 0	1	("6448641").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 17:09

EAST Search History

S14 1	18	("5394013" "5404047" "5463255" "5502337" "5739587" "5751065" "5838043" "5869357" "5986343" "6043144" "6100573" "6163074" "6180993" "6207547" "6222270" "6261944" "6291331" "6313537").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 17:33
S14 2	357	wang.in. and pad and copper and barrier	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 17:33
S14 3	11	wang.in. and pad and copper and barrier and aptos	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 17:34
S14 4	10	("3663184" "4514751" "4927505" "5130779" "5173449" "5406122" "5656858" "5682062" "5821620" "5920794").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/09 17:34
S14 5	101	((copper or cu) with pad) with thickness) and barrier and (not S123)	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:44
S14 6	0	copper adj electrode adj pad with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:44
S14 7	0	(copper adj electrode adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:44
S14 8	38	(copper adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:47
S14 9	6	(cu adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:48
S15 0	2	(cu adj electrode adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:49
S15 1	0	(copper adj electrode adj pad) with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/09 17:50
S15 2	37	((aluminum adj pad) same copper) and pad with thickness	USPAT; EPO; JPO	AND	OFF	2006/05/10 10:06